

Abstract

The present invention contemplates compositions and methods to treat patients having a nervous system disorder with a formulation comprising an anticonvulsant and a neuroactive modulator. Also described is a method to predict the probability of a significant recovery when treating an individual patient having a nervous system disorder with a formulation comprising an anticonvulsant and a neuroactive modulator. Specifically, methods for predicting patient prognosis include, but are not limited to, quantitative electroencephalography, psychometric test batteries, biological indicators, brain metabolic indicators, genotype profiles, neuroimaging, objective test measurements and multi-modalities. The present invention also discloses a device providing an organized dispensation of the above formulations such that the patient or medical personnel may easily and accurately decrease the daily dosage of a third drug and increase the daily dosage of a formulation comprising an anticonvulsant and a neuroactive modulator.